Elo TouchSystems 2400LM 24" Desktop Touchmonitor for Medical Healthcare Settings

The fully featured 2400LM touchmonitor offers best-in-class optical performance mated to leading touch technologies—IntelliTouch (surface acoustic wave) and AccuTouch (five-wire resistive)—in addition to a combination touch controller, DVI, VGA and built-in speakers. The monitor is available in white or gray, touch and non-touch enabled versions.

The 2400LM is compliant with multiple safety and electrical certifications including EN 60950-1 and EN 60601-1 for safety and EN 60950-1, EN 55022, EN 55024, and EN 60601-1-2 for EMC. In addition, the 2400LM meets RoHS compliance, and includes an enclosure design that is resistant to dripping water, protecting the unit from liquid drops and spills. As a result the 2400LM is an excellent fit for a wide variety of settings, including healthcare.

The Elo 2400LM touchmonitor is an effective solution for nurse station, computer-aided therapy, electronic medical record keeping, paperless charting, patient self check-in/registration, as well as non-medical applications that benefit from DVI-D input, speakers and a pristine image display.

Features

- High quality panel wide viewing angles, and high contrast ratio
- Available with AccuTouch (five-wire resistive) or IntelliTouch (surface acoustic wave) touch technologies, and as non-touch models
- Design is tightly controlled by Elo specifications
- Sealed touchscreen
- Removable base with mounting options including VESA mount
- EN 60950-1 and EN 60601-1 for safety; EN 60950-1, EN 55022, EN 55024, and EN 60601-1-2 for EMC
- RoHS compliant
- 3-year warranty
- Built-in speakers

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2400LM 24″ Desktop Touchmonitor

Model	2400LM
Enclosure	White (AccuTouch and IntelliTouch, all regions)/Dark Gray (IntelliTouch, North America only)
Display	24.0″ diagonal
Aspect ratio	16:10, active matrix TFT LCD
Useful screen area	Horizontal: 20.4″ (518mm); Vertical: 12.8″ (324mm)
Monitor dimensions*	Width: 23.3″ (592mm); Height: 17.7″ (450mm); Depth: 9.1″ (233mm)
Native (optimal) resolution	1920x1200
Other supported resolutions	640x480 at 60Hz; 800x600 at 56, 60Hz; 1024x768 at 60Hz; 1280x960 at 60Hz; 1280x1024 at 60Hz; 1360x768 at 60Hz; 1440x900 at 60 Hz; 1600x1200 at 60 Hz; 1680x1050 at 60 Hz; 1920x1200 at 60 Hz
Colors	16.7 million
Brightness (typical)	LCD panel: 300 nits; IntelliTouch: 270 nits; AccuTouch: 240 nits
Response time–total (typical)	5msec
Viewing angle (typical)	Horizontal: ±80° total; Vertical: ±80° total
Contrast ratio (typical)	1000:1
On-screen display (OSD)	OSD buttons: Menu, Up, Down, Select, Power; OSD: Automatic Adjustment, Contrast, Brightness, H/V Position, Clock, Phase, Color Temperature, OSD H/V position, OSD timeout, OSD language (English, French, Italian, German, Spanish, Japanese, Traditional Chinese, Simplified Chinese), Recall Defaults, Sharpness, Volume; OSD locking/unlocking and Power locking/unlocking
Input video format	Analog VGA, DVI
Input video signal connector	15-pin female D-sub (Analog VGA, 25-pin female DVI-D)
Input frequency	Horizontal: 31-75kHz; Vertical: 56-61Hz
Power supply	AC/DC power adapter
Input connector	MINI DIN 4pin power jack; AC/DC adapter input connector: IEC 60320 C6
Input voltage	AC/DC adapter: 100-240VAC 50/60Hz
Input audio connector	3.5mm TRS jack
Input audio signal	0.5Vrms maximum stereo signal
Internal speakers	Two 2W speakers
Power consumption (typical)	Monitor plus AC/DC adapter: 61W
Shipping Box Dimensions (W x D x H)	27.56″ (700mm) x 20.08″ (510mm) x 10.04″ (255mm)
Weight (with stand)	Actual: 27.8lb (12.6kg); Shipping: 36.4lb (16.5kg); without stand: Actual: 19.3lb (8.75kg)
Temperature	Operating: 32°F to 104°F (0°C to 40°C); Storage: -4°F to 140°F (-20°C to 60°C)
Humidity (noncondensing)	Operating: 20%-80%; Storage: 10%-90%
MTBF	50,000 hours demonstrated
Mounting options	With provided stand (landscape); 100mm VESA rear-mount
Warranty	3 years
Optional Product Coverage	Extended warranty
Agency Approvals	CB, UL/cUL, FCC, CE, VCCI, C-Tick (Class B), IEC60601-1-2 Elo Declarations: RoHS, WEEE, IMERC, CE
Available Touch Technologies	AccuTouch (five wire resistive); IntelliTouch (surface acoustic wave)

*See dimensional drawings for details
For updated specifications and more information, please visit www.elotouch.com.

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To find out more about our extensive range of Elo touch solutions, go to www.elotouch.com, or call the office nearest you.

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